

20000729.qrp v01_n897.qrl.20000729

Date: Sat, 29 Jul 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1897

QRP-L Digest 1897

Topics covered in this issue include:

- 1) [76074] [PROP] Weekend & Bumblebee's
by "Paul Harden, NA5N" <na5n@rt66.com>
- 2) [76075] Bzzzzzz 101
by "Makai" <makai@grouper.batelnet.bs>
- 3) [76076] Re: Ideas for portable backpacking masts?
by w0yse@juno.com
- 4) [76077] Calling Rod N0RC
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [76078] FOX: Big Dawgs Feeling Some Heat
by "Marshall Emm" <mgemm@mtechnologies.com>
- 6) [76079] WTB "UNBUILT NC-20"
by Earl Murphy <earlmurf@telusplanet.net>
- 7) [76080] New QRP kid on the block?
by "K7FD-N7SG" <cqdx@teleport.com>
- 8) [76081] Re: FOX: Big Dawgs Feeling Some Heat
by "Bob Tellefsen" <n6wg@earthlink.net>
- 9) [76082] N7VE worked at Ft. Tuthill
by "K7FD-N7SG" <cqdx@teleport.com>
- 10) [76083] Re: FOX: Big Dawgs Feeling Some Heat
by Pete Burbank <plburbank@kih.net>
- 11) [76084] Fox: N5TW Hunt again this Thursday!
by "Tom Whiteside" <n5tw@igg-tx.net>
- 12) [76085] Re: Fox: N5TW Hunt again this Thursday!
by Earl Murphy <earlmurf@telusplanet.net>
- 13) [76086] Re: New QRP kid on the block?
by Michael Bower <bowerm@ix.netcom.com>
- 14) [76087] Re: Fox: N5TW Hunt again this Thursday!
by paule@sfu.ca
- 15) [76088] Re: New QRP kid on the block?
by ABCQRP <w6abc@yahoo.com>
- 16) [76089] Re: New QRP kid on the block?
by "K7FD-N7SG" <cqdx@teleport.com>
- 17) [76090] Re: more varactor questions
by "Donny Sirait" <dsirait@centrin.net.id>
- 18) [76091] HB small directional antenna (longish)
by Bill Lazure <n2tpa@juno.com>
- 19) [76092] OTish: Hamfest Planning

- by "Rod, NØRC" <n0rc@qsl.net>
- 20) [76093] Need vertical info
by Drbob92031@aol.com
- 21) [76094] RE: Need vertical info
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 22) [76095] RE: Ideas for portable backpacking masts?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 23) [76096] Re: Need vertical info
by "Mike Yetsko" <myetsko@insydesw.com>
- 24) [76097] Re: New QRP kid on the block?
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 25) [76098] Re: New QRP kid on the block?
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 26) [76099] Patcomm website redux
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 27) [76100] Re:HB small directional antenna (longish)
by wb2vuo@juno.com
- 28) [76101] Re: Patcomm website redux
by "Rod, NØRC" <n0rc@qsl.net>
- 29) [76102] Don't Miss the FLIGHT OF THE BUMBLEBEES TOMORROW!
by Russ Carpenter <russ@natworld.com>
- 30) [76103] Bumblebee Operating Location Change.
by Ed Loranger <we6w@netzero.net>
- 31) [76104] BB #74 Change in Location
by Bob Patten <n4bp@bc.seflin.org>
- 32) [76105] Re: New QRP kid on the block?
by Bob Nielsen <nielsen@oz.net>
- 33) [76106] Bumblebee #10 chg in location
by Gary Slagel <gdslagel@yahoo.com>
- 34) [76107] ANT: Vertical Multiband Ant
by "Cameron C.R. Bailey" <cbailey@wjtl.net>
- 35) [76108] Re: Torroid winding stage III
by KD1YV <kd1yv@mindspring.com>
- 36) [76109] Re: Patcomm website redux
by Al Scanandoah <k2zn@rochester.rr.com>
- 37) [76110] Bumblebee #6 Status
by "Ron Polityka" <wb3aal@talon.net>
- 38) [76111] Re: ANT: Vertical Multiband Ant
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 39) [76112] Re: New QRP kid on the block?
by "Marshall Emm" <mgemm@mtechnologies.com>
- 40) [76113] Re: Need vertical info
by "K3GM" <k3gm@home.com>
- 41) [76114] Re: New QRP kid on the block?
by n2go@arrl.net
- 42) [76115] Special Event-Change in Plan
by "John L. Sielke" <n4js@pobox.com>
- 43) [76116] How do you operate your regen for QRP operation?

by Ted Albert <ted.albert@worldnet.att.net>
44) [76117] I here no tuna-tin-2s here
by "Rod, N0RC" <n0rc@qsl.net>
45) [76118] BB #5 Plan B
by Ken Newman <N2CQ@citnet.com>
46) [76119] wanted: Autek WM-1
by M Goins <mgoins@usa.net>
47) [76120] Who's going to Boxboro?
by kd1yv@mindspring.com
48) [76121] Re: I here no tuna-tin-2s here
by "Rod, N0RC" <n0rc@qsl.net>
49) [76122] Re: Torroid winding stage III
by "bob baxter" <rbaxter@cybertrails.com>

Date: Fri, 28 Jul 2000 17:22:37 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [76074] [PROP] Weekend & Bumblebee's
Message-ID: <Pine.SUN.4.10.10007281703070.8005-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun has quietted down past few days, heading towards it's 28 day minimum. Todays solar flux was only 158 and will continue to fall over the next few days to the 140-150 range. For an active sun, these are fairly low values ... meaning the upper bands will not be especially "hot" over the next week. Today's daytime maximum usable frequency (MUF) for example hovered around 20 MHz, meaning 15M probably was open in spurts today (I have not listened to the bands yet today)

MINOR GEOMAGNETIC STORM FRIDAY: The shock wave from tuesday's flare and CME arrived early this morning (pre-dawn), causing the solar wind to jump to 450-500 km/s and particle density around 15-18 p/cm³, or a moderate shock. Enough to trigger a minor geomagnetic storm with the K-index at 5 for over 12 hours. It is now subsiding and the K index should be around 2 the rest of this evening for good 20/40M conditions. Aurora estimates are for the extreme northern tier of states.

The current quiet sun means the chances of a major flare are quickly diminishing over the next week or so, and with no flares/CME's, there will be nothing to trigger geomagnetic storms unless a coronal hole or two shows up. This weekend through the next looks to be fairly quiet and stable.

BUMBLEBEE STUFF: Conditions look fairly good sunday for the Bumblebee

Contest. However, due to the lowering solar flux, it looks like this may be primarily a 20M contest during daylight hours, with 15M kinda "iffy" and when open, probably heavy QSB and weak signals due to higher absorption. But 20M should be pretty good. Due to the low solar activity (less ionization), while the upper bands may be rotten, this also means less ionization and hence less absorption due to the D-layer for good signals on both 40 and 20M during daylight hours. In other words, 40M may sport some good signals earlier in the afternoon than you usually experience on a contest weekend.

I'll bet most of the contacts will be on 20M and 40M. But check 15M periodically for sporadic openings.

Have a good time at it, and for those of you attending Ft. Tuthill, have a blast there as well. Give my regards to all in attendance and keep the campfire going for me. It is with great regret that personal conflicts prevent me from attending this year. But two co-workers, Richard N5OBA and Jim (?) promised to stop by and say hi for me.

72, Paul NA5N

Date: Fri, 28 Jul 2000 20:58:50 -0400
From: "Makai" <makai@grouper.batelnet.bs>
To: <qrp-1@Lehigh.EDU>
Subject: [76075] Bzzzzzz 101
Message-ID: <000f01bff8f8\$75b901e0\$7d0030ce@pepe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang...

Look for Bee # 101 on Sunday... I will be traveling by kayak to Lumber Cay, Exuma Bahamas and signing KL7H / C6A / BB... Planned arrival is around lunch time and plans are to be on the air for the full 4 hours... Operation will only be conducted on 20 meters and I will hang out in the vicinity of the QRP calling frequency... Hope the Sun Spots cooperate and we have good conditions for the contest...

You all take care and have fun... See you on Sunday...

72 - Bruce - KL7H/C6A

<http://www.qsl.net/kl7h>

Date: Fri, 28 Jul 2000 19:10:25 -0600
From: w0yse@juno.com
To: qrp-l@Lehigh.EDU
Subject: [76076] Re: Ideas for portable backpacking masts?
Message-ID: <20000728.191026.-3778669.3.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

HI,

I forget who first asked for the ideas, but here is what I have been contemplating for my backpacking. I have a 20' Black Widow pole which I plan to use only the lower 17' of for an inverted vee. The top section is too wimpy except for a vertical wire antenna. Anyway, I plan to use four 48" dowel rods (probably 1" diam) that I will connect together with some 12" long PVC "nipples". This will fit up into the bottom of the BW pole a few inches. This will give me a mast of about 17 + 15.5 feet = 32.5 ft. I will probably saw the nipples longitudinally and attach them to the top of each of the lower 3 dowels. The dowels will fit end to end with the top dowel having some sort of ring stop so that the BW pole will only slide about 6" over it. Two of the dowels will also be used as a staff as I climb the mountain.

Just my \$.02 worth.

72,
Neil Klagge, w0yse, Layton UT

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Jul 2000 22:29:18 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [76077] Calling Rod N0RC
Message-ID: <200007282229_MC2-ADE8-7D9E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Rod:

Sorry I have lost your e-mail address. Please write back and describe how
you deploy the radials for the PW-1 antenna. The package arrived today,
but I am not sure of how actually to put out the radials (eg, elevated,
pattern, etc.). Hope you get this.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Fri, 28 Jul 2000 20:54:15 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [76078] FOX: Big Dawgs Feeling Some Heat
Message-ID: <3981F2F7.10751.249CAD2@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Big Dawgs have swept again (5 in a row) but them Ratz is still hanging on
by their fingernails! How long can we keep this up? Dawg Ben has decided to
cool off and make it even more challenging by operating (he hopes) /MM from a
cruise ship in Alaskan waters. Why settle for fox pelt when you can go for
Grizzly, eh?

Congrats to Ron on another record-setting Fox run, and to all the successful
hounds!

In the words of the Immortal Bard, "We'll make you some sport with the fox ere
we case him."

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 28 Jul 2000 21:41:08 -0500
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [76079] WTB "UNBUILT NC-20"
Message-ID: <39824444.2EA8BBED@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone wanting to part with their "UNBUILT NC-20" preferably with the 10
turn pot?? Of course reasonably priced :)

Please respond to me direct....Thanks...

72.....Earl (VA6RF) Pounding Brass in Bassano, AB

Date: Fri, 28 Jul 2000 20:43:32 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>
Subject: [76080] New QRP kid on the block?
Message-ID: <001f01bff90f\$2dc0d0e0\$46231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Patcomm's ad in this months CQ Magazine (Aug 2000, page 39) features a new
'qrp' rig -- under \$400 -- built -- w/SSB and CW.

Their webpage paraphrases a familiar marketing line with a slight twist: "I
can't believe it's not a kit at this price !!"

<http://www.patcommradio.com/webdoc8.htm>

It appears to be a K2/K1 Hybrid affair offering two bands of the operator's choice... v e r y interesting...

73 John K7FD

QRPacific <http://www.teleport.com/~cqdx/qrpclub.htm>

Date: Fri, 28 Jul 2000 21:42:07 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [76081] Re: FOX: Big Dawgs Feeling Some Heat
Message-ID: <001d01bff917\$5c6eea00\$34d6fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Way cool, Marshall.
GO BIG DAWGS
73, Bob N6WG

Date: Fri, 28 Jul 2000 21:48:59 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76082] N7VE worked at Ft. Tuthill
Message-ID: <004c01bff918\$50c23760\$46231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice surprise tonight to work N7VE in Flagstaff as he 'warmed up' his entry for a homebrew contest at Ft. Tuthill...his 3 watts were making it bigtime into the Oregon coast tonight on 40m. He had to QRT early because of storms in the area however...

73 John K7FD, Seal Rock, OR

Date: Sat, 29 Jul 2000 01:00:13 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@lehigh.EDU>
Subject: [76083] Re: FOX: Big Dawgs Feeling Some Heat
Message-ID: <3.0.32.20000729010009.007543f4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:42 PM 7/28/00 -0700, you wrote:

>Way cool, Marshall.

>GO BIG DAWGS

>73, Bob N6WG

>

>

>

Hah, hope you dawgs have had your distemper shots!!!:-)

73 Pete NV4V Rats

Date: Sat, 29 Jul 2000 01:41:59 -0500
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [76084] Fox: N5TW Hunt again this Thursday!
Message-ID: <002f01bff928\$19261f00\$6721f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy again! - Advanced notice for my second run as Fox this Sunday at 2000Z - and yes, I will start on time this time!!!! Hope to work many of you!

I will operate pretty much as last time - hanging out near 14060 (probably just above unless there is QRM) and will listen away from my calling frequency unless we get down to a low data rate... Again, let's try to keep my frequency clear to speed things up... Feel free to call again if you do not hear me come back quickly - it is easy to get alphabet soup with a bunch of hounds baying at the same time.

Setup will be the same: I will be using a K2 (serial # 1389) running 5W to 3 beams stacked on a 130 ft tower with beams splayed across the US. Again,

if conditions are not great, I may move the whole stack around and or switch antennas - if you hear me jump up and down in level, this is probably what is going on... It helps me if you send your state before your name so I can switch antennas earlier if copy is tough...

Let's see how many we can work on Sunday!

Tom Whiteside
N5TW Georgetown, TX

Date: Sat, 29 Jul 2000 01:00:02 -0500
From: Earl Murphy <earlmurf@telusplanet.net>
To: n5tw@igg-tx.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76085] Re: Fox: N5TW Hunt again this Thursday!
Message-ID: <398272E2.6455AE74@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom:
Thought you were to be on this Sunday? Was there a schedule change??

72....Earl (VA6RF)

Tom Whiteside wrote:

> Howdy again! - Advanced notice for my second run as Fox this Sunday at
> 2000Z - and yes, I will start on time this time!!!! Hope to work many of
> you!
>
> I will operate pretty much as last time - hanging out near 14060 (probably
> just
> above unless there is QRM) and will listen away from my calling frequency
> unless we get down to a low data rate... Again, let's try to keep my
> frequency
> clear to speed things up... Feel free to call again if you do not hear me
> come back quickly - it is easy to get alphabet soup with a bunch of hounds
> baying at the same time.
>
> Setup will be the same: I will be using a K2 (serial # 1389) running 5W to 3
> beams stacked on a 130 ft tower with beams splayed across the US. Again,
> if conditions are not great, I may move the whole stack around and or switch
> antennas - if you hear me jump up and down in level, this is probably what
> is going on... It helps me if you send your state before your name so I can

> switch antennas earlier if copy is tough...
>
> Let's see how many we can work on Sunday!
>
> Tom Whiteside
> N5TW Georgetown, TX

Date: Sat, 29 Jul 2000 02:58:14 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76086] Re: New QRP kid on the block?
Message-ID: <39828086.5341973D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All I saw at this site was "PATCOOM'S NEW" and that's it. Didn't anybody else see more?

Michael

K7FD-N7SG wrote:

> Patcomm's ad in this months CQ Magazine (Aug 2000, page 39) features a new
> 'qrp' rig -- under \$400 -- built -- w/SSB and CW.
>
> Their webpage paraphrases a familiar marketing line with a slight twist: "I
> can't believe it's not a kit at this price !!"
>
> <http://www.patcommradio.com/webdoc8.htm>
>
> It appears to be a K2/K1 Hybrid affair offering two bands of the operator's
> choice... v e r y interesting...
>
> 73 John K7FD
> QRPacific <http://www.teleport.com/~cqdx/qrpclub.htm>

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 29 Jul 2000 0:00:27 PDT
From: paule@sfu.ca
To: n5tw@igg-tx.net
Cc: qrp-1@Lehigh.EDU
Subject: [76087] Re: Fox: N5TW Hunt again this Thursday!
Message-ID: <200007290700.e6T70R325651@rm-rstar.sfu.ca>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Hi Tom,

Given the fact that your first hour coincides with the last hour of the flight of the BumbleBees, I hope you will be open to dual exchanges so the qso's count for both events.

cheers, Paul - VA7NT - BB #3- email: paule@sfu.ca

On Sat, 29 Jul 2000 01:41:59 -0500 n5tw@igg-tx.net wrote:

> Howdy again! - Advanced notice for my second run as Fox this Sunday at
> 2000Z - and yes, I will start on time this time!!!! Hope to work many of
> you!
>
> I will operate pretty much as last time - hanging out near 14060 (probably
> just
> above unless there is QRM) and will listen away from my calling frequency
> unless we get down to a low data rate... Again, let's try to keep my
> frequency
> clear to speed things up... Feel free to call again if you do not hear me
> come back quickly - it is easy to get alphabet soup with a bunch of hounds
> baying at the same time.
>
> Setup will be the same: I will be using a K2 (serial # 1389) running 5W to
> 3 beams stacked on a 130 ft tower with beams splayed across the US. Again,
> if conditions are not great, I may move the whole stack around and or
> switch antennas - if you hear me jump up and down in level, this is
> probably what is going on... It helps me if you send your state before your
> name so I can switch antennas earlier if copy is tough...
>
> Let's see how many we can work on Sunday!
>
> Tom Whiteside
> N5TW Georgetown, TX

Date: Sat, 29 Jul 2000 00:16:54 -0700 (PDT)
From: ABCQRP <w6abc@yahoo.com>
To: bowerm@ix.netcom.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76088] Re: New QRP kid on the block?
Message-ID: <20000729071654.19933.qmail@web2102.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Michael,
Yes, same thing happened to me. But then I looked at the page source and saw there indeed was copy on the Patcomm page I was not seeing. I was using Netscape at the time. I then used Internet Explorer and the page was there in it's entirety. Some quirk with the browser I suppose. Use Explorer and you will see the page.
73,
Jack W6ABC

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Sat, 29 Jul 2000 05:08:55 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76089] Re: New QRP kid on the block?
Message-ID: <000401bff955\$c5aaba60\$63231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try IE5.0...Netscape 3.0G does NOT work either on that URL (on my system), but Internet Explorer does...

73 John K7FD

-----Original Message-----
From: Michael Bower <bowerm@ix.netcom.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, July 29, 2000 12:02 AM
Subject: Re: New QRP kid on the block?

>All I saw at this site was "PATCOOM'S NEW" and that's it. Didn't anybody
else
>see more?
>
>Michael
>
>
>K7FD-N7SG wrote:
>
>> Patcomm's ad in this months CQ Magazine (Aug 2000, page 39) features a
new
>> 'qrp' rig -- under \$400 -- built -- w/SSB and CW.
>>
>> Their webpage paraphrases a familiar marketing line with a slight twist:
"I
>> can't believe it's not a kit at this price !!"
>>
>> <http://www.patcommradio.com/webdoc8.htm>
>>
>> It appears to be a K2/K1 Hybrid affair offering two bands of the
operator's
>> choice... v e r y interesting...
>>
>> 73 John K7FD
>> QRPacific <http://www.teleport.com/~cqdx/qrpclub.htm>
>
>--
>73 de N4NMR
>Michael Bower
>Ashburn, VA (near Washington, D.C.)
>
>

Date: Sat, 29 Jul 2000 19:59:05 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76090] Re: more varactor questions
Message-ID: <002801bff95d\$8ddb56a0\$e1ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Paul and folks,

Please excuse me for this dumb question.
Could we increase the capacitance of the 1N4004
by paraleling the diodes?

vy 73 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Sat, 29 Jul 2000 09:22:08 -0400
From: Bill Lazure <n2tpa@juno.com>
To: qrp-1@lehigh.edu
Subject: [76091] HB small directional antenna (longish)
Message-ID: <20000729.092706.-379699.0.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

My yard's pretty small, and filled with trees. I've wanted a directional antenna for the higher bands for years , but never had the room for a full sized beam. I've tried a variety of small loops or loaded beams with no success....until now.

Years ago, I saw a minibeam mounted on someone's rooftop and marvelled at how small it was. I never got close enough to see how it was made, and the owner wasn't around, so I couldn't ask. A couple of weeks ago, Ed Manuel, N5EM provided the key info I needed.

Simply stated, it's a two element beam constructed of two 9 foot long poles spaced about 5 feet apart. On the ends of those poles are multiple PARALLELED coil and capacity hat assemblies. Each assembly resonates the poles at it's given frequency, 10M, 15M, or 20M. Since it's end loaded, it's efficiency isn't disgustingly bad for it's size. (Although, tuning gets pretty picky!!) Obviously, the lower in frequency you go, the poorer the efficiency of the antenna.

I have a prototype built that really surprises me. The gain seems about the same as a dipole in it's forward direction, but the F/B ratio is pretty decent. On ten (judging by my calibrated ear) it's about 15-20 dB.

Currently, it's just a prototype. I ran out of aluminum tubing, so I have aluminum foil wrapped around a dowel for about 3 feet of the driven element. The coil assemblies are just dangling by their

connection wire, and I have too many direct copper to aluminum connections. My mounting method stinks. The antenna lists to port about 15 degrees. Heck, it's only mounted 15 feet up!! I assume that once I address all these "tweaking" issues, I may even see some gain out of this puppy!

Since I needed an antenna to sort out multiple signals during contests, the lack of major gain on this antenna isn't a concern. The F/B ratio is what I sought. It seems to have achieved that pretty well.

Next project, a 80M vertical shortened the same way...let's cross our collective fingers.

I'll keep you informed...

73,

Bill
W2EB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 29 Jul 2000 07:42:35 -0600

From: "Rod, N0RC" <n0rc@qsl.net>

To: "qrp-l" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>

Subject: [76092] OTish: Hamfest Planning

Message-ID: <01bd01bff962\$df61c0e0\$1c8511d8@compaq>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks:

Looks like I'm taking over planning/management of our local hamfest. I've been watch the Ft Tuthill postings with great interest. Among those postings I found this link:

<http://www.hamsrus.com/tuthill.html>

A great page describing the fest. Do you know of other similar links? If so please send them to me.

Do you participate in the planning and execution of a Hamfest? If so please contact me (off list). I'd like to discuss with you the ways and means of conducting a _REALLY GOOD_ hamfest. Interest and

attendance in ours has waned lately.

TIA for any help you can provide.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Sat, 29 Jul 2000 09:53:18 EDT
From: Drbob92031@aol.com
To: QRP-L@lehigh.edu
Subject: [76093] Need vertical info
Message-ID: <11.71e2f24.26b43bce@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi to all;

Need some help. Moving into a new house with small back yard and neighbors house abuts right up to mine. I was thinking of a vertical but I want to get more punch for the power. Is there a way one can erect "directors" or "reflectors" as in a Yagi; for verticals? Oh yes; antennas are forbidden here hi hi.

Thanks for any info. I want this to have as small a "footprint" as possible. I currently have a multi section aluminum vert. for 20 M. (16'6" in 5 sections)

72 de WA2EAW..Bob

Date: Sat, 29 Jul 2000 07:02:29 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'Drbob92031@aol.com'" <Drbob92031@aol.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76094] RE: Need vertical info
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC86@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

You might use coax phasing sections; stubs and switching to change the pattern in two verticals. It might be possible to switch two verticals for end-fire, broadside or cardioids?

Of course this is a single band array. You might have to use a "stealth" wire antenna and a good tuner if you want all bands.

Jay

W6CJ

-----Original Message-----

From: Drbob92031@aol.com [mailto:Drbob92031@aol.com]
Sent: Saturday, July 29, 2000 6:53 AM
To: Low Power Amateur Radio Discussion
Subject: Need vertical info

Hi to all;
Need some help. Moving into a new house with small back yard and neighbors house abuts right up to mine. I was thinking of a vertical but I want to get more punch for the power. Is there a way one can erect "directors" or "reflectors" as in a Yagi; for verticals? Oh yes; antennas are forbidden here
hi hi.
Thanks for any info. I want this to have as small a "footprint" as possible.
I currently have a multi section aluminum vert. for 20 M. (16'6" in 5 sections)
72 de WA2EAW..Bob

Date: Sat, 29 Jul 2000 07:06:42 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'w0yse@juno.com'" <w0yse@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76095] RE: Ideas for portable backpacking masts?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC87@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I wonder if those long telescoping fiberglass poles used to change light bulbs and also used by "cable guys" would be too heavy or clumsy
Some appear to stretch to 20, 24 or 30 feet.
Jay
W6CJ

-----Original Message-----

From: w0yse@juno.com [mailto:w0yse@juno.com]
Sent: Friday, July 28, 2000 6:10 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Ideas for portable backpacking masts?

HI,

I forget who first asked for the ideas, but here is what I have been contemplating for my backpacking. I have a 20' Black Widow pole which I plan to use only the lower 17' of for an inverted vee. The top section is too wimpy except for a vertical wire antenna. Anyway, I plan to use four 48" dowel rods (probably 1" diam) that I will connect together with

some 12" long PVC "nipples". This will fit up into the bottom of the BW pole a few inches. This will give me a mast of about 17 + 15.5 feet = 32.5 ft. I will probably saw the nipples longitudinally and attach them to the top of each of the lower 3 dowels. The dowels will fit end to end with the top dowel having some sort of ring stop so that the BW pole will only slide about 6" over it. Two of the dowels will also be used as a staff as I climb the mountain.

Just my \$.02 worth.

72,

Neil Klagge, w0yse, Layton UT

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 29 Jul 2000 10:12:36 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <JCoote@ci.arcadia.ca.us>, "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>

Subject: [76096] Re: Need vertical info

Message-ID: <005701bff967\$0e7d3ea0\$0600a8c0@dad>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jays idea might be pretty good! Especially if you put up a 'sailors' type flagstaff...

Or you could put a 20' pole at either corner of your property with a flood light on it for the back yard. Who would complain if the lights NEVER were on, or never even worked...

Mike

> You might use coax phasing sections; stubs and switching to change the
> pattern in two verticals. It might be possible to switch two verticals
> for end-fire, broadside or cardioids?
> Of course this is a single band array. You might have to use a
> "stealth" wire antenna and a good tuner if you want all bands.
> Jay
> W6CJ
>
> -----Original Message-----
> From: Drbob92031@aol.com [mailto:Drbob92031@aol.com]
> Sent: Saturday, July 29, 2000 6:53 AM
> To: Low Power Amateur Radio Discussion
> Subject: Need vertical info
>
>
> Hi to all;
> Need some help. Moving into a new house with small back yard and
> neighbors
> house abuts right up to mine. I was thinking of a vertical but I want to
> get
> more punch for the power. Is there a way one can erect "directors" or
> "reflectors" as in a Yagi; for verticals? Oh yes; antennas are forbidden
> here
> hi hi.
> Thanks for any info. I want this to have as small a "footprint" as
> possible.
> I currently have a multi section aluminum vert. for 20 M. (16'6" in 5
> sections)
> 72 de WA2EAW..Bob
>

Date: Sat, 29 Jul 2000 10:25:58 -0400
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: ABCQRP <w6abc@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [76097] Re: New QRP kid on the block?
Message-ID: <00072910255802.00752@caitlyn.netferrets.net>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi, Jack, and everyone else,

> Yes, same thing happened to me. But then I looked at
> the page source and saw there indeed was copy on the
> Patcomm page I was not seeing. I was using Netscape
> at the time. I then used Internet Explorer and the
> page was there in it's entirety. Some quirk with the
> browser I suppose. Use Explorer and you will see the
> page.

For those who do not run a Microsoft operating system and can't use Internet Explorer, I'd like to add that the page displays correctly in both Konqueror and KFM. I don't have Opera or Arachne on my system right now, but they may be options as well.

73,
Caity
KU4QD

--
Caitlyn Marie Martin
caitlyn@netferrets.net
<http://www.caitys-world.com>

This e-mail was written on and sent with a Microsoft-free computer system.

Date: Sat, 29 Jul 2000 10:30:29 -0400
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76098] Re: New QRP kid on the block?
Message-ID: <00072910302903.00752@caitlyn.netferrets.net>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi, everyone,

Any two bands, huh? I think I'd like one with 12 and 17 meters. Currently, to get there with QRP equipment I'd have to run my THP HX-640 at low power (4 watts) driving it with a six meter rig, which is fine at home but cumbersome for portable. This would be more convenient, I think, and would make a great addition to my "go anywhere" station. Hmmmm....

I also like that it's another American-made rig.

73,
Caity
KU4QD

--

Caitlyn M ire Martin
caitlyn@netferrets.net
<http://www.caitys-world.com>

Date: Sat, 29 Jul 2000 10:45:06 -0400
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: qrp-L@LEHIGH.edu
Subject: [76099] Patcomm website redux
Message-ID: <00072910450604.00752@caitlyn.netferrets.net>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi, everyone,

Just to satisfy my own curiosity... I checked Patcomm's website with my three copies of Netscape. It does **not** display correctly in 3.04, but looks just fine in both Netscape 4.73 and Netscape 6 PR1. I suspect the problem is only with older versions of Netscape.

I should point out that I run Linux (Caldera 2.4, with the 2.2.14 kernel), not Windows, so it's possible that it's also a Netscape for Windows issue.

Oh, and looking at the spec, I see, like Ten Tec, they are using crystal mixing to avoid phase/digital noise, but are also using DDS. The more I look at the specs, the more I think this may be a rig I want to have :)

73,
Caity
KU4QD

--

Caitlyn M ire Martin
caitlyn@netferrets.net
<http://www.caitys-world.com>

Date: Sat, 29 Jul 2000 10:51:14 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [76100] Re:HB small directional antenna (longish)
Message-ID: <20000729.105119.-316297.0.wb2vuo@juno.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill and the List. Keith here in the Depths of the Great Bergen Swamps of WNY...

Right about now I wish that I had kept all of my old 73 Mags when I moved. Back in the early 80's, maybe the mid-80's there was an article in 73 about a top-loaded multi-band vertical using the same technique as the Mini-Products beams and verticals. The author used PVC pipe for the coil forms, and mounted them perpendicular on the top of the vertical.

This is from memory, but the antenna was a 1/4-wave 10 Meter antenna, and the end loading coils were made for 15/20/40 meters, giving one a 4-band antenna that was only 8 1/2 feet high. The coil forms were long enough to make capacity hats at the end of the forms (made with stiff brass rods as I recall) by drilling through the PVC and force-fitting the rods, soldering the coil to the center of the hat

For the skeptics, look at the multi-band "Spiders" that are sold for the Hustler mobile antennas. With 3 (or 5) resonators in place, you not only have the band(s) for the resonators, but also 6 Meters! The mast for the Hustler mobile antennas resonates as a 1/4-wave on 6 Meters, and works independently from the "loaded" mode with the resonators.

Another example: The prime difference between the Hustler 4BTV (40 - 10 Meters) and the 5BTV (80 Meters) is the top resonator assembly for 80 Meters, a top -loading coil and whip. If you remove the resonator, the antenna works fine on 40 - 10 Meters without any changes.

So, with a couple of 8-foot (plus a bit) lengths of 1" aluminum tubing, a center insulator/bracket, some PVC pipe and wire (and time) you too can have a MiniBeam though not in name...

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 29 Jul 2000 09:01:16 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76101] Re: Patcomm website redux
Message-ID: <021701bff96d\$daf7fd20\$1c8511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I just tried the page with Netscape 4.08 running on Win98. Works FB.

FWIW: I looked at the source, the page is generated with Pagemaker,
not Frontpage as some have speculated.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Caitlyn M. Martin <caitlyn@netferrets.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, July 29, 2000 8:45 AM
Subject: Patcomm website redux

> Hi, everyone,
>
> Just to satisfy my own curiosity... I checked Patcomm's website with
my
> three copies of Netscape. It does *not* display correctly in 3.04,
but
> looks just fine in both Netscape 4.73 and Netscape 6 PR1. I suspect
the
> problem is only with older versions of Netscape.
>
> I should point out that I run Linux (Caldera 2.4, with the 2.2.14
kernel),
> not Windows, so it's possible that it's also a Netscape for Windows
issue.

Date: Sat, 29 Jul 2000 08:17:43 -0700
From: Russ Carpenter <russ@natworld.com>

To: QRP-L List <qrp-l@lehigh.edu>
Subject: [76102] Don't Miss the FLIGHT OF THE BUMBLEBEES TOMORROW!
Message-ID: <B5A843A6.534C%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The year 2000 Flight of the Bumblebees takes place tomorrow. This is a great event, both for the Bees and home-based operators.

106 Bees will hike, bike, and boat to outlandish locations across the country. The Flight only takes four hours, so you can squeeze it in with the other great activities on a beautiful summer day.

The Bumblebee roster was updated this morning. You can find it at http://www.natworld.com/ars/pages/bumblebees/2000bb_roster.html

The rules for The Flight of the Bumblebees are at http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

Russ Carpenter, AA7QU
Contest Manager for The Adventure Radio Society

Date: Sat, 29 Jul 2000 08:28:14 -0700
From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [76103] Bumblebee Operating Location Change.
Message-ID: <3982F80D.B009A6B4@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, my planned trek into the Anadel Park mountains has been changed. Bumblebee #21 will now be somewhere along the Eel river enjoying a solid week of camping and fun.

The plan is to get to the campsite Sunday and hike to the operating position right away. I may miss the start of the /BB contest but I'll be on the air for most of it.

The slingshot, golfball with string and lots of wire as well as AC6UV's K2 will be in full force during the week.

SOC #1Whiners #6

Date: Sat, 29 Jul 2000 08:46:41 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [76105] Re: New QRP kid on the block?
Message-ID: <20000729084641.A13077@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Sat, Jul 29, 2000 at 10:25:58AM -0400, Caitlyn M. Martin wrote:

> Hi, Jack, and everyone else,
>
> > Yes, same thing happened to me. But then I looked at
> > the page source and saw there indeed was copy on the
> > Patcomm page I was not seeing. I was using Netscape
> > at the time. I then used Internet Explorer and the
> > page was there in it's entirety. Some quirk with the
> > browser I suppose. Use Explorer and you will see the
> > page.
>
> For those who do not run a Microsoft operating system and can't use Internet
> Explorer, I'd like to add that the page displays correctly in both Konqueror
> and KFM. I don't have Opera or Arachne on my system right now, but they may
> be options as well.

That page looks fine here in Netscape 4.73 running on Linux.

--

Bob Nielsen, N7XY
Bainbridge Island, WA
nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Sat, 29 Jul 2000 09:22:22 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [76106] Bumblebee #10 chg in location
Message-ID: <20000729162222.21068.rocketmail@web220.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

One more change!

Last year I planned to go the Black Hills, SD and operate and didn't make it. And... same thing this year. Took the xyl on vacation last week, just go back and am too burnt out for the 6 hr drive to SD so BB#10 will be in Colorado again this year. Somewhere in Pike Natl Forest operating my Sierra and a tuned dipole hopefully up somewhere between 33' and 50'. Time to go experiment with antennas now!!!

Good luck all.

Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?

Kick off your party with Yahoo! Invites.

<http://invites.yahoo.com/>

Date: Sat, 29 Jul 2000 12:38:51 -0400
From: "Cameron C.R. Bailey" <cbailey@wjtl.net>
To: <wb2vuo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76107] ANT: Vertical Multiband Ant
Message-ID: <000801bff97b\$7b424ee0\$29202940@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow antenna users,

This reply is really not about directional antennas, but on verticals. I can attest to the fact that you can disconnect the loading or additional band capability and still use on all bands.

My stealth vertical (attached to my deck) is an 18AVQ-WB. It is a trap vertical for 80/40/20/15/20. I use the bottom three bands 10/15/20 alone most of the daytime and the height is only about 12 feet, unseen next to my deck. At night, when people can't see my antenna too well, I attach the other

bands

by going to the deck and sticking the rest of the original antenna on.
This gives me operation on 40/80 with a vertical. At night is when I would use 40/80 anyway!

The tuned frequency only varies slightly and is still within the band for operation on all of them.

72, kt3a cam

bb40

----- Original Message -----

From: <wb2vuo@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, 29 July, 2000 10:51

Subject: Re:HB small directional antenna (longish)

> Hi Bill and the List. Keith here in the Depths of the Great Bergen

> Swamps of WNY...

>

> Right about now I wish that I had kept all of my old 73 Mags when I
> moved. Back in the early 80's, maybe the mid-80's there was an article
> in 73 about a top-loaded multi-band vertical using the same technique as
> the Mini-Products beams and verticals. The author used PVC pipe for the
> coil forms, and mounted them perpendicular on the top of the vertical.

>

> This is from memory, but the antenna was a 1/4-wave 10 Meter antenna,
> and the end loading coils were made for 15/20/40 meters, giving one a
> 4-band antenna that was only 8 1/2 feet high. The coil forms were long
> enough to make capacity hats at the end of the forms (made with stiff
> brass rods as I recall) by drilling through the PVC and force-fitting the
> rods, soldering the coil to the center of the hat

>

> For the skeptics, look at the multi-band "Spiders" that are sold for the
> Hustler mobile antennas. With 3 (or 5) resonators in place, you not only
> have the band(s) for the resonators, but also 6 Meters! The mast for the
> Hustler mobile antennas resonates as a 1/4-wave on 6 Meters, and works
> independently from the "loaded" mode with the resonators.

>

> Another example: The prime difference between the Hustler 4BTV (40 - 10
> Meters) and the 5BTV (80 Meters) is the top resonator assembly for 80
> Meters, a top -loading coil and whip. If you remove the resonator, the
> antenna works fine on 40 - 10 Meters without any changes.

>

> So, with a couple of 8-foot (plus a bit) lengths of 1" aluminum tubing, a
> center insulator/bracket, some PVC pipe and wire (and time) you too can
> have a MiniBeam though not in name...

>

>

> 72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
> President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
> Section
> My night light runs more power than my Rig!!!
> Replies - <mailto:wb2vuo@arrl.net>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.
>

Date: Sat, 29 Jul 2000 12:47:23 -0400
From: KD1YV <kd1yv@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [76108] Re: Torroid winding stage III
Message-ID: <39830A9B.9BD968C3@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That reminds me of back in high school, there was a tough old
coot that taught several advanced math classes. He always said
that the only way to get "extra credit" in his class was to stand
on your head, wiggle your ears, and spit wooden nickels.

On the last day of HS, one of the students, who was a bit of a
joker, actually did stand on his head, wiggled his ears, and spat
wooden nickels. BTW, he was our class valedictorian, and
certainly did not need the extra credit. He later graduated
from MIT, and today he is a plumber.

Ob-QRP - In HS, I also took an electronics course, where I
learned more about radio and electronics from another student
than the instructor!

--

72/73 de Jim, KD1YV
But as we arrive at the house of the water sign / We're living in
Strange Times.

> > What are my alternatives here? I have tried smaller wire (#26) same
> results.
> > Seems I had no probs when I did my FB 40 transformers. Could it just be

> bad
> > enamel wire? I just got the roll from Ocean Electronics today....Could I
> use
> > a steel core wire like what they use for making beads?
> > Perfect size (#24), and insulation looks like enamel.
> > Could I dip the mag wire in wax or something to make it more "slippery" so
> > it won't snag?
> > Could I coat it with a coat of varnish?
>
> Maybe the enamel on your wire is too brittle? Can you try some different
> wire? Maybe plastic-insulated wire-wrap wire?
>
> > Could I stand on my head and spit nickels?
>
> You might get somebody to wind the things for you if you offer to do that.
> (Grin)
>
> Dave
>
>

Date: Sat, 29 Jul 2000 13:00:27 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76109] Re: Patcomm website redux
Message-ID: <39830DAB.CFB63C66@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Their Webmaster or equivalent thereof must have noticed the problem this morning and fixed it. I checked the page at about 7:30 AM EDT and couldn't read it. It's OK now.

Al, K2ZN

"Rod, N0RC" wrote:

>
> Folks:
>
> I just tried the page with Netscape 4.08 running on Win98. Works FB.
>

> FWIW: I looked at the source, the page is generated with Pagemaker,
> not Frontpage as some have speculated.
>
> ---
> 72/3 Rod, N0RC -- Fort Collins, CO
>
> ----- Original Message -----
> From: Caitlyn M. Martin <caitlyn@netferrets.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Saturday, July 29, 2000 8:45 AM
> Subject: Patcomm website redux
>
> > Hi, everyone,
> >
> > Just to satisfy my own curiosity... I checked Patcomm's website with
> my
> > three copies of Netscape. It does *not* display correctly in 3.04,
> but
> > looks just fine in both Netscape 4.73 and Netscape 6 PR1. I suspect
> the
> > problem is only with older versions of Netscape.
> >
> > I should point out that I run Linux (Caldera 2.4, with the 2.2.14
> kernel),
> > not Windows, so it's possible that it's also a Netscape for Windows
> issue.

Date: Sat, 29 Jul 2000 13:29:44 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [76110] Bumblebee #6 Status
Message-ID: <013801bff982\$96630640\$8de508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well the weather for Eastern PA does not look good for
a BB Run to the Appalachian Trail.

The status of my run to the AT will not be decided until
Sunday morning.

The weather predicted for the AT area that I was going

to is rain with thunderstorms. I really don't want to be up
on the AT in the middle of a T-storm.

I will post my decision tomorrow morning before 8 AM.

Good Luck to all Bumblebees!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	Bumblebee #6

Date: Sat, 29 Jul 2000 13:40:37 -0400
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: QRP-L@LEHIGH.edu
Subject: [76111] Re: ANT: Vertical Multiband Ant
Message-ID: <00072913403701.01044@caitlyn.netferrets.net>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi, everyone,

I have also had really good success with the combination of a Terlin
Outbacker and the Outpost tripod. The tripod isn't seen over the fence
around my backyard, and I take down the Outbacker when I'm not using it.
For a while, this was my only means of getting on HF, and even at QRP power
levels I made plenty of contacts, especially on 15 meters. I have a decent
SWR on all HF bands.

OTOH, I then put up a stealth wire antenna (24ga. black-colored insulated wire) running from my balcony to a nearby tree, sloping upward, with a counterpoise running downward to a water pipe at ground level. The leg going into the tree is cut for a quater wave on 40 meters, and I am nearly resonant on 40 and 15. I use a Tokyo Hy-Power HC-200 antenna tuner to tune the other bands, and also to bring me down to 1:1 on 15 and 40.

I get out much better with my inverted 40 meter half sloper than I do with the Outbacker, which now mostly sits in the closet. OTOH, the Outbacker/Outpost combo make a great transportable antenna system. One note: I rarely run more than 10 watts PEP on any band (or 5 watts CW when I actually use my key), and both have worked for me.

Keith and I rent our home (a townhouse), and though antennas are strictly verboten, we have not gotten a single complaint in the year and a half we have lived here.

Just another couple of suggestions... My opinions, as always, are worth exactly what you pay for them.

73,
Caity
KU4QD

--

Caitlyn M ire Martin
caitlyn@netferrets.net
<http://www.caitys-world.com>

--

All you need to know about government and bureaucracy:

Pythagorean theorem: 24 words.
The Lord's prayer: 66 words.
Archimedes' Principle: 67 words.
The 10 Commandments: 179 words.
The Gettysburg address: 286 words.
The Declaration of Independence: 1,300 words.
The US Government regulations on the sale of cabbage: 26,911 words

Date: Sat, 29 Jul 2000 11:58:02 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: w6abc@yahoo.com, qrp-1@lehigh.edu
Subject: [76112] Re: New QRP kid on the block?

Message-ID: <3982C6CA.25373.454741@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>some quirk with the
browser I suppose. Use Explorer and you will see the
page.<<

What a price to pay. I'll decline, thank you. I looked at the source too,
read the info and looked at the picture with a direct call.

It says right in the source that the page was made by Pagemaker and that the
table might not display properly in all browsers. Bit of an understatement, you
ask me.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sat, 29 Jul 2000 14:12:04 -0400
From: "K3GM" <k3gm@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76113] Re: Need vertical info
Message-ID: <00a701bff988\$808791a0\$246e0c18@adubn1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Bob,

Yes you can "steer" a pattern using 2 or 3 verticals, but it becomes
difficult when you want to do this on a number of different bands. If you
choose one band, it's a lot easier to do. Without getting into details, you
feed the verticals out of phase using a series of coax switches and coils of
coax as delay lines. You can steer the pattern by connecting and
disconnecting the phasing lines. I've seen it done on 40 and 80, and it
worked great. Problem is you need some room, and it sounds like you have
very little. You could probably do this on 15 and 10 though. I would go
with a multiband vertical, Bob with a GOOD ground system. Set it up on a
short mast that you could tilt over and take off the antenna when not in use.
Another way to go is with an attic dipole. I had a late friend that made
DXCC with a dipole thumbtacked to the rafters. I wouldn't let your small
lot discourage you as I think you'll be able to put something up that will

work just fine.

7 3,
Tom K3GM
FM29lw

> Hi to all;
> Need some help. Moving into a new house with small back yard and neighbors
> house abuts right up to mine. I was thinking of a vertical but I want to
get
> more punch for the power. Is there a way one can erect "directors" or
> "reflectors" as in a Yagi; for verticals? Oh yes; antennas are forbidden
here
> hi hi.
> Thanks for any info. I want this to have as small a "footprint" as
possible.
> I currently have a multi section aluminum vert. for 20 M. (16'6" in 5
> sections)
> 72 de WA2EAW..Bob

Date: Sat, 29 Jul 2000 14:47:00 -0400 (EDT)
From: n2go@arrl.net
To: K7FD-N7SG <cqdx@teleport.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76114] Re: New QRP kid on the block?
Message-ID:
<Pine.LNX.4.20.0007291445390.1035-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use netscape v.4.72 and the url works here..

I don't use Microsoft Explorer so I can't comment on that one :)

73,

Jim n2go

Date: Sat, 29 Jul 2000 15:41:43 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: qrp-1@lehigh.edu, elecrafft@qth.net, njqrp@njqrp.org

Subject: [76115] Special Event-Change in Plan
Message-ID: <XFMail.000729154143.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Just got a call from the Delaware Bay Ham Radio Lighthouse Association. They want me now to go to Brandywine Lighthouse. Still Delaware, anyway. Also, they asked if I could, if possible operate a little...yeecch...SSB! So here are the plans as amended.

Callsign will now be W2C.

Brandywine Light, Delaware Bay on Saturday, August 6th.

I am going to try to get started a bit early, around 8:00 AM EDT or 1200Z. Will start out on 20 CW, then 20 SSB, then 15 CW, 15 SSB with a shot at 10 if it is open. Operate until 2000Z

Frequencies close to the QRP freqs: 14,060, 21,060 and 28,060 CW
14,285, 21,385 and 28,385 SSB

Using the trusty K2 into a Zepp I just built up to string from my outriggers. Also have my SLV vertical along. Will use the ANT 1/2 function hopefully to select best.

Still QSL via KC2ATK (President of the DBHRLA noted above).

Hope to make a few QSOs to show what QRP can do!

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
/ _/_ _/_ _/_ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Sat, 29 Jul 2000 15:44:19 -0400
From: Ted Albert <ted.albert@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [76116] How do you operate your regen for QRP operation?

Message-ID: <00072916182102.00727@rain>

Content-Type: text/plain

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

Greetings,

I would like to entertain a discussion on the actual use of a regen receiver for QRP operation. Like many of you, I got bit by the regen bug about three years ago and built 3 solid-state versions. Two of them were the MFJ Worldband Receiver kit and the Ten-Tec 9 Band kit. I think the MFJ has the advantage over the Ten-Tec when it comes to overall stability and smoothness of regeneration. The third was from an article in 73 magazine using a board from Far Circuits.

I decided a few weeks ago to try using the regens with various transmitters that I have built based on the Universal Transmitter design by W7ZOI. What I found is that using the regens for casual SWL work is great, but trying to transceive with them was a real challenge.

Here are my questions:

1. Do you use a separate antenna for your regen receiver or a TR switch and the transmitting antenna?
2. How do you net your VXO or VFO based transmitter to the receiver's frequency, or vice-versa? (Assumption is that you do not use a freq counter to sample the regen) If you've never operated a regen, they have a tendency to be easily swamped by even the smallest signal in your shack, at least mine do. I incorporate a spotting function in all of my homebrew transmitters. My latest creation for twenty meters, 2N2222 + 2N3553, generates enough RF just running the oscillator in spot mode to knock the socks off the regens I'm using.
3. How do you monitor your keying? With a regen, a sidetone monitor is a must from what I have experienced.

You can find articles all the time in SPRAT (the HF9 comes to mind right now) that attest to folks using regens for their QRP stations. How have you dealt with the three issues listed above at your station?

73 de Ted, AB8FJ

Date: Sat, 29 Jul 2000 14:25:22 -0600

From: "Rod, N0RC" <n0rc@qsl.net>

To: "qrp-1" <qrp-1@Lehigh.EDU>

Subject: [76117] I here no tuna-tin-2s here
Message-ID: <02df01bff99b\$218d03c0\$1c8511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2022z been listening around 7040 +/- a few. Nothing heard from the Ft.
Tuthill gang. Maybe at 2222z, the TT2 bewitching hour? ;-)

72/3 Rod, N0RC -- Fort Collins, CO

Date: Sat, 29 Jul 2000 16:45:46 -0400
From: Ken Newman <N2CQ@citnet.com>
To: qrp-1@lehigh.edu
Subject: [76118] BB #5 Plan B
Message-ID: <3.0.6.32.20000729164546.007eee90@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,
The weather report tells me it is time to execute plan B for the
Flight. (Whimpy version when thunder storms are planned).
I'll be at Redbank Battlefield Historical Park, Gloucester Co., NJ
Hope to hear many of you before the boomers arrive.

72 de
Ken Newman - N2CQ == QRP CONTEST CALENDAR ==
Woodbury, NJ <http://www.njqrp.org/data/contesting.html>
N2CQ@ARRL.NET

Date: 29 Jul 00 16:14:47 EST
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [76119] wanted: Autek WM-1
Message-ID: <20000729211447.8044.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for an Auttek WM-1 dual meter wattmeter. =

If anyone has one they might part with, please contact me off reflector.
Thanks. =

mike

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Sat, 29 Jul 2000 17:49:01 -0400
From: kd1yv@mindspring.com
To: qrp-1@lehigh.edu
Subject: [76120] Who's going to Boxboro?
Message-ID: <Springmail.105.964907341.0.67708300@www.springmail.com>

It's only 4 weeks away (remember starting in 1998, they changed the dates to the end of August.) See <http://www.boxboro.org> for more details.

I see that Dennis, K1LGQ is presenting a QRP Forum on Saturday afternoon. Are any of you going to be there to hear it?
Division Director Tom Frenaye, K1KI, will be there, and hosting the ARRL Forum.
If you want to let him know how you support QRP and/or DXCC/QRP, this could be an ideal opportunity.

--
72/73 de Jim, KD1YV
But as we arrive at the house of the water sign / We're living in Strange Times.

Date: Sat, 29 Jul 2000 16:16:50 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76121] Re: I here no tuna-tin-2s here
Message-ID: <034601bfff9aa\$b37af6c0\$1c8511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

22:15z still no TT2's. The bewitching hour approaches.

72/3 Rod, NØRC -- Fort Collins, CO

----- Original Message -----

From: Rod, NØRC <nØrc@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Saturday, July 29, 2000 2:25 PM

Subject: I here no tuna-tin-2s here

> 2022z been listening around 7040 +/- a few. Nothing heard from the
Ft.

> Tuthill gang. Maybe at 2222z, the TT2 bewitching hour? ;-)

>

> ---

> 72/3 Rod, NØRC -- Fort Collins, CO

>

>

Date: Sat, 29 Jul 2000 15:26:51 -0700

From: "bob baxter" <rbaxter@cybertrails.com>

To: <kd1yv@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [76122] Re: Torroid winding stage III

Message-ID: <002701bff9ac\$30b32080\$16142aa2@bobbaxte>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: KD1YV <kd1yv@mindspring.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Saturday, July 29, 2000 9:49 AM

Subject: Re: Torroid winding stage III

You've got to go where the money is. Bob Baxter AA7EQ Bisbee, Az.

> He later graduated

>from MIT, and today he is a plumber.

>

>

>>
>>
>
>
>
>
>

End of QRP-L Digest 1897

